IENT BOOK

Dimensions				Reference to last Measurement
ngth 4	Breadth 5	Dep 6	7	8

Estimate & Special Rate SBR 291/28-2-2015

BRM 965 28/2/15

M. A. R. 57 (Rule 116)

Measurement Book

No. B 180141

Serial No. .....

Name of work ..... improvements & construction of C.C Road & drains at Prasanthi nagara 1st & 2nd cross. From ..... To .....

Name of Contractor or nature of Agency..... Road connected to B. Ramesh Road in Jagadambika ward No 15

Date of commencement of work..... Date of Record 27.2.2015

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate Cost :- 19.95 Lakhs Job code :- 015-15-00001 P.code 1771 Administrative Approval C.E.D. Z/AA 66 14-15 dt 29.10.14 Technical Sanction :- E.E/D.D No 385/14-15 dt 29.10.14 Tender Notification No- B.B.M.P.E (D) No 03/14 dt 31.10.14 Item No. 1 Providing 100 road drains & similar works KS.RR Item 2.2 each work up gradation by manual means in soft soil including all charges complete up to 2 mts lead all lifts including left up to 0.5 mts recommended Surface levelled & dressed made dressed as per direction by the Engineer in charge of the work Empty bags brought No @ Rs 36.00 per 100.00 cft, cost 39780 Cft						cost 39780.00 Rupees only

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Short No 2 Providing & laying R.C.C. slab & staircase etc. complete as per specification & direction of the Engineer in charge including necessary shuttering complete						
	This is P.S. 744.40 sqm @ 20.00/sqm						
	Short No 3 Providing & laying in position ready mix concrete of M:20 1:5 with 20 mm nominal size graded granite metal coarse aggregate & sand & fine aggregate 0.5 cent regular mixed concrete laid in layer not exceeding 15 cm thick well as per directed by the Engineer in charge including necessary curing complete @ 4780.00						
	This is P.S.	59.85				59.85	
						Sqm	8.75
						Cft	523.110 = Rs 28126/-

rial No. .....
me of work .....
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ate	Full description, etc
	2
	Short No 5 P
	concrete
	0.454
	as per
	@ 5200.00
	Cft
	Short No 6
	C.C. 1:3

T BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
& grade etc. complete			
tion by the Sy Sri			
80. 747.40 Sqm			
3 744.00 Sqm		37200.00	
e position plain cement			
.C cement 180 kg/sqm			
ded grade metal			
& fine aggregate			
ped concrete laid			
ted with 15 mm			
Engineer in charge			
P 27		59.99	
		7.30 Sqm	
85			28175
		235.10 =	28126 =

M. A. R. 57 (Rule 116)
Measurement Book

No. B 180142

erial No. .....
ame of work ..... From ..... To .....
ame of Contractor of nature of Agency.....
ate of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Storm drain providing & laying in position plain cement concrete of mix 1:2:4 with graded granite metal coarse aggregate 0.878 cum & fine aggregate 0.454 cum laid in layers not exceeding 15 cm each well compacted as per direction by the Engineer in charge including shuttering. Rs no 0.90 @ 5200.00 per cum laid 73.80					73.96	383769.60
	Storm no. 6 Ref page no. 27 C.C. 1:3 etc complete as per specification						222032.40

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and decided by the Engineer-in-charge quality supplied is Rs 88 p. 88 @ 75.00 per 100					445.75 per 100	33446.25
	Item 6 Providing granite stone sollected equality passed & fixed in cement mortar 1:6 including all pipeing ceiling etc complete quality supplied is Rs 88 - Engr P - 88 - 202.95						202.95
	2BK Gross Rs	1 @ 12.00 @ 1.20 = 14.40					
		1 @ 5.00 @ 1.20 = 6.00					
	(11) Gross Rs	1 @ 4.00 @ 1.20 = 4.80					
		1 @ 3.00 @ 1.20 = 3.60					
		(46.40 @ 1.20 = Rs 6.8					

ial No. .....
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ate	Full description, etc, of wo
	2
	145.40 x
	144.30 x
	143.90 x
Rs	142.50 x
	145.20 x
	145.60 x
	142.30 x
	145.00
	144.60
Rs	630.00

IT BOOK

ensions Breadth 5	ensions Depth 6	Contents 7	Reference to last Measurement 8
...ver	...ve chaja		
...8 ₹0.88		₹45.95	
		800	33446.25
...obe ...selected equali...			
...equal ...reader 1.6 ...ected			
...be complete			
...8 - Expn			
...- 200.95		202.95	
...= 1440			
5		6.00	
...= 2.80			
...= 3.60			
...= 4.8			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 180143

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Dimensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	145.70 x 1.20 = 6.84 ₹						
	144.30 x 1.20 = 5.76 ₹						
	143.90 x 1.20 = 4.68 ₹						
	142.50 x 1.20 = 3.00 ₹						
	145.20 x 1.20 = 6.24 ₹						
	145.60 x 1.20 = 6.72 ₹						
	142.30 x 1.20 = 2.76 ₹						
	145.00 x 1.20 = 18.00 ₹						
	144.60 x 1.20 = 4.80 ₹						
			262.88				
		297.63					
28	630.00						
	₹800						
	Total 297.63						
						187488.50	
						185440.40	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Extra for Flowdry aid compressed pressed concrete solid blocks with approved weight mix Size 35kg for — 27% C.F. 1:4 using Hydraulic blocks of Size as per approved drawing in Cage of work Only Supply this MB P 88 908.81 Page No 225 Sign — dated 2/9/20						226/11-92 1992/1545
	Extra 8 supplying & fixing pre cast reinforcement as per design & drawing including cost of transport & fixing charges by manual labour etc complete in all respects to get paid even calling the Vehicle for Supply						

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me of work .....
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te of commencement of work..

ate	Full description, etc, of
	2
	with all
	Only by
	Blocks
	Rs —
	CSR

E.E. (D

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 180144

rial No. .....

me of work ..... From ..... To .....

me of Contractor of nature of Agency.....

te of commencement of work.....

Date	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

E.E. (D.D.)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	21.00	0.75	15.75		
		1	05.00	0.75	3.75		
		1	30.00	0.75	22.50		
		1	28.00	0.75	21.00		
		1	24.60	0.75	18.45		
		1	5.60	0.75	4.20		
		1	24.00	0.75	18.00		
		1	10.00	0.60	6.00		
		1	12.40	0.75	9.30		
		1	10.40	0.60	6.24		
		2	2.00	0.75	1.50		
		1	6.60	0.75	4.95		
		1	40.00	0.75	30.00		
		1	04.20	0.75	3.15		
		1	30.60	0.75	22.95		
		1	4.20	0.75	3.15		

E.E. (O.D.)

MENT BOOK

Dimensions			Contents	Reference to last Measureme
ngth 4	Breadth 5	Depth 6	7	8
0·75	15·75			
0·75	3·75			
0·75	= 22·50			
0·75	= 21·00			
0·75	= 18·45			
0·75	= 4·20			
0·75	18·00			
0·60	= 6·00			
0·75	9·30			
0·60	= 6·24			
0·75	= 1·50			
0·75	= 4·95			
0·75	= 30·00			
0·75	= 3·15			
0·75	= 22·50			
0·75	= 3·15			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 180145

ial No. .....
me of work ..... From ..... To .....
me of Contractor of nature of Agency.....
e of commencement of work.....

ate	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	5·80	0·30	= 5·22		
		1	14·00	0·75	= 12·75		
		1	30·00	0·75	= 22·50		
		1	10·50	0·75	= 7·87		744000·00
	@ Rs. 1600·00	20	0·60	0·75	= 9·00		645594·47
	Item 9 Disposal of debris to the	1	0·60	0·90	= 0·54		
		Total			465·00	463·33650	
	Disposal site all lead & lift						
	the Engineer-in-charge of the						
	Book rate 400 kerbage						

Item 9 Disposal of debris to the final place of disposal site all lead & lift as directed by the Engineer-in-charge of the work lead up to 20 kerbage rates as per Item

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per directed by the Engineer						
	Quality brought from [illegible]						
	@ 397.80 Cft		1.00			405.75 Cft	
						Total 397.80	
	[illegible]						

For Trusted Investment Fund Consultancy

Audited and admitted for Rs. 1934424=00

Passed by Cheque for Rs. 1796828=00

( )

by adjustment Rs. 137586=00

Accounts Superintendent

Asst. Engineer

B.B.M.P. [illegible] Division

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
	8.70		405.75	28243.80
	397.80			1934424
1934424=00				
1796838=00				
586=00				

Ex. Engineer

Division

M. A. R. … Measu…

No. B 180146

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency..

Date of commencement of work...

Date	Full description, etc, of work	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
		104.00					
		109.50					
		184.00				40.50	30.00
		184.00					

IT BOOK

ensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
.× 0.62 = 25.5714 W			25.52 Cubic
: 0.39 = 10.4716 W			10.47
		T. Qty.	36.0 Cubic
ate 11/08/14			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 180185

Serial No. .....
Name of work Improvements & construction of C.C. Road & drain at Rajendra Nagara 3rd & 2nd Cross connected to Kanakpura Road via Doddaballapura Road No. 15
Name of Contractor of nature of Agency.....
Date of commencement of work..... From ..... To 19-1-2015

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	K. Hoodana Roading						
	Sch Code :- 19.95 Roads -						
	Job Code :- 015-15-00001						
	Planning Approval - CE/DZ/AA64-1415 29.10.14						
	Date of Recording:						
	(1) Earth work excavation for roads & drains & formation						
	WORKS K.S.R. Rate						
	Rajthangar 3rd Cross 3/3	3	30.00	0.60	0.60	32.40	Cubic
		1	14.00	0.60	0.60	5.04	"
	2/5	3	30.00	0.60	0.60	32.40	Cubic
		1	19.50	0.60	0.60	7.02	"
	End Cross 4/5	6	30.00	0.60	0.60	64.80	"
		1	4.00	0.60	0.60	1.44	"

1802

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
		1 x 30.00 x 0.60 x 0.60 = 10.80					
		1 x 10.50 x 0.60 x 0.60 = 3.78					
	[illegible] cross R/S.	6 x 30.00 x 0.60 x 0.60 = 64.80					
		1 x 4.00 x 0.60 x 0.60 = 1.44					
	"	4 x 30.00 x 1.00 x 0.60 = 72.00					
		6 x 30.00 x 1.00 x 0.60 = 108.00					
		1 x 10.00 x 1.00 x 0.60				6.00	
						209.72	
	[illegible] Removing [illegible] [illegible] any [illegible] [illegible] as per specification						
	[illegible] cross	3 x 30.00 x 1.20 = 108.00					
	— — R/S	1 x 14.00 x 1.20 = 16.80					
	R/S	3 x 30.00 x 1.20 = 108.00					
		1 x 19.50 x 1.20 = 23.40					

No. ....
of work ....
of Contractor of nature of Agency..........
of commencement of work..........

Full description, etc, of work
2
[illegible] cross R/S
R/S
[illegible] R/S
Ck FC 19/1/15

EASUREMENT BOOK

	Dimensions			Contents	Ref. to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 180186

No. .....

of work ..... From ..... To .....

of Contractor of nature of Agency.....

commencement of work.....

Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
Upto 30/1/2015							
	Providing & laying in position pcc (1:4:8) using 40 mm nominal size graded stone aggregate in retaining wall, return walls, wing walls, curtain walls, parapet walls, footings, raft, anti-termite treatment, floors, roofs, flat or pitched, laying in layers not exceeding 150 mm thick, including curing, but excluding the cost of centering, shuttering, finishing and reinforcement, as directed by Engineer-in-charge.						
	Bagalkot Nagara Jille Code. 4/5	3	30.00	0.45	0.15	= 6.07	
		1	4.00	0.45	0.15	= 0.94	
		3	30.00	0.45	0.15	= 6.07	
		1	19.50	0.45	0.15	= 1.31	
	Bagalkot Nagara Jille Code. 4/5	6	30.00	0.45	0.15	= 12.15	
		1	4.00	0.45	0.15	= 0.27	
		1	30.00	0.45	0.15	= 2.02	
		1	10.50	0.45	0.15	= 0.70	
		5	30.00	0.45	0.15	= 12.13	
		1	4.00	0.45	0.15	= 0.27	

ASUREMENT BOOK

Dimensions				Contents	Ref to Meas
Number 3	Length 4	Breadth 5	Depth 6	7	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 180187

No. .....

of work ..... From ..... To .....

of Contractor of nature of Agency.....

f commencement of work.....

Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
	[illegible]	2 x 10.50 x 0.45 =			9.45	
	[illegible]	2 x 19.00 x 0.45 =			17.10	
	[illegible]	2 x 6 x 30.00 x 0.45 =			162.00	
					445.95 / 800 →	
[illegible]	[illegible] selected					
	4 x 19.75 x 0.45				35.55	
	1 x 6.00 x 30.00 x 0.45 =				81.00	
	4 x 30.00 x 0.45 =				54.00	
	4 x 18.00 x 0.45				32.40	
					~~202.40~~ 202.95 [illegible]	

EMENT BOOK

Dimensions			Contents	Refer to last Measu
Length 4	Breadth 5	Depth 6	7	
50 x 0.45 =		3.45		
7.00 x 0.45 =		17.10		
30.00 x 0.45 =		162.00		
		445.95	800	
grade Sand				collected
0.45		35.55		
200 x 0.45 =		81.00		
		54.00		
0.45 =		32.40		
		202.95		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 180188

No. ..... From ..... To .....

e of work .....

e of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Day 7 Providing & constructing					Plain Cost	Solid Block
CC Compressed						
Plain Cement Concrete						
1:4:8 — R/S		2 x 30.00	x 0.20	=	36.00	
		2 x 14.00	x 0.20	=	5.60	
		2 x 30.00	x 0.20	=	36.00	
		2 x 2.00	x 0.20	=	4.80	
		2 x 19.50	x 0.20	=	7.80	
Foot cross —		2 x 6 x 30.00	x 0.20	=	43.20	
R/S		2 x 4.00	x 0.20	=	1.60	
		2 x 30.00	x 0.20	=	12.00	
		2 x 10.50	x 0.20	=	4.20	
R/S		2 x 6 x 30.00	x 0.20	=	43.20	
		2 x 4.00	x 0.20	=	1.60	
					220.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Remarks
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	RCC Footing Concrete of M20 1:2:4						
	Fdn Concrete	2	3.30	0.15	0.075	= 0.07	
	Fdn	2	1.4	0.15	0.075	= 0.3	
	Fdn	2	3.30	0.15	0.075	= 1.35	0.42
	Fdn	2	1.9	0.15	0.075	=	
	Plinth Concrete	2	4.47	0.15	0.075	= 0.07	
	Fdn	2	6.30	0.15	0.075	= 0.05	
	Fdn	2	6.30	0.15	0.075	= 0.05	
	Fdn	2	4.00	0.15	0.075	= 0.09	
	Fdn	2	30	0.15	0.075	= 0.67	
	Fdn	2	10.30	0.15	0.075	= 0.23	

ASUREMENT BOOK

Dimensions				Contents	Ref to Meas
Number 3	Length 4	Breadth 5	Depth 6	7	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 180169

No. .....
of work ..... From ..... To .....
of Contractor of nature of Agency.....
f commencement of work.....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Remarks
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Deduct -	3	3.00	0.60	0.10	5.40	
		3	3.00	0.60	0.10	5.40	
						78.96	
	(3) Disposal of debris to the final place of dep						
		6	8.50	2.00	0.60	61.20	
		5	8.00	1.90	0.55	41.80	
		7	9.20	1.95	0.60	75.34	
		7	9.00	2.00	0.60	75.60	
		6	8.20	1.90	0.60	56.08	
		6	8.50	1.95	0.55	72.93	
		2	9.50	2.00	0.60	22.80	
						405.75	

Cape
30/1/15

30/1/15